

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/058700 A1**

(51) International Patent Classification<sup>7</sup>:  
3/02, C11D 17/04, B65D 81/32, 65/46

**B65B 9/04,**

(72) Inventors; and

(21) International Application Number:

PCT/GB2004/005262

(75) Inventors/Applicants (for US only): **OEHMS, Diana** [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, Ludwigshafen 67059 (DE). **ROY, Pavlinka** [DE/DE]; Benckiser Produktions GmbH, Benckiser Platz 1, Ludwigshafen 67059 (DE). **SALVADOR, Jordi** [ES/ES]; Reckitt Benckiser (Espana) SL, C/Mataro, 28, Granollers, Barcelona 08400 (ES). **WIEDEMANN, Ralf** [DE/DE]; Benckiser Produktions GmbH, Benckiser Platz 1, Ludwigshafen 67059 (DE).

(22) International Filing Date:

16 December 2004 (16.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0329531.8 19 December 2003 (19.12.2003) GB

(74) Agents: **BOWERS, Craig, M.** et al.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

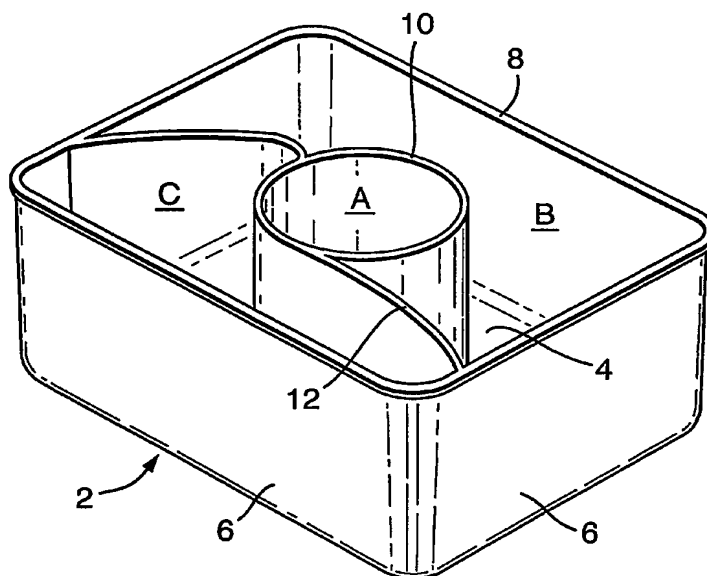
(71) Applicant (for all designated States except MN, US): **RECKITT BENCKISER N.V.** [NL/NL]; Kantoorgebouw de Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

(71) Applicant (for MN only): **RECKITT BENCKISER (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

[Continued on next page]

(54) Title: INJECTION MOULDED CONTAINERS



(57) Abstract: A process for the manufacture of single or multi-compartment rigid, water-soluble container, containing a detergent composition wherein the container is at least partially made of injection moulded water soluble polymer; the process comprising the steps of forming the container, keeping the container under substantially anhydrous conditions, filling the container with the detergent composition and sealing, wherein the container is allowed to contact / brought into contact with a plasticiser after sealing.



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

**Published:**

- *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*